

Comparisons of Job Characteristics

Focus Occupation: **Construction Laborers (47-2061)**

Associated Occupation: **Carpenters (47-2031)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Construction Laborers (47-2061)

Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Building and Construction	4.0	17.5	16.8	0	Current knowledge level may be sufficient
Mathematics	9.2	12.8	11.1	<	Expanded education and/or training may be required
Mechanical	6.8	12.6	11.2	<	Expanded education and/or training may be required
Design	5.2	12.2	10.7	<	Expanded education and/or training may be required
Production and Processing	6.0	10.9	7.5	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	8.6	10.6	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 72

Focus Occupation: Construction Laborers (47-2061)

Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Repairing	3.4	6.1	4.0	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	5.9	5.3	<	A higher skill level may be required
Equipment Maintenance	3.5	5.1	4.6	<	A higher skill level may be required
Installation	1.7	3.8	2.9	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 77			
Focus Occupation: Construction Laborers (47-2061) Associated Occupation: Carpenters (47-2031)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Trunk Strength	5.7	11.4	10.3	<	Some improvement in abilities may be required
Static Strength	5.0	11.3	11.6	0	Current ability level may be sufficient
Visualization	7.5	11.3	6.0	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	11.2	11.2	0	Current ability level may be sufficient
Extent Flexibility	4.8	10.8	7.7	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	10.8	10.6	0	Current ability level may be sufficient
Stamina	4.0	8.7	8.6	0	Current ability level may be sufficient
Gross Body Equilibrium	3.2	8.6	4.8	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	8.3	5.1	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	6.2	4.5	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 85
Focus Occupation: Construction Laborers (47-2061) Associated Occupation: Carpenters (47-2031)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Anchor or brace wooden structures, frameworks, or forms	92	
Apply adhesives, caulking, sealants, or coatings	45	
Build or repair structures in construction, repair, or manufacturing setting	54	
Climb ladders, scaffolding, or utility or telephone poles	56	
Cut, shape, fit, or join wood or other construction materials	58	
Dig holes or trenches for foundations, posts, poles, or related items	78	
Erect scaffold	56	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Install insulating materials	81	
Install prefabricated building components	74	

Install siding or sheeting	84
Lubricate machinery, equipment, or parts	59
Move materials or goods between work areas	72
Move or fit heavy objects	8
Operate hoist, winch, or hydraulic boom	34
Paint walls or other structural surfaces	75
Perform safety inspections in construction or resource extraction setting	46
Position, align, or level machines, equipment, or structures	74
Prepare building surfaces for paint, finishes, wallpaper, or adhesives	72
Read tape measure	41
Repair cracks, defects, or damage in installed building materials	74
Signal directions or warnings to coworkers	42
Understand construction specifications	53
Use basic carpentry techniques	62
Use concrete fabrication techniques	74
Use hand or power tools	2
Use hand or power woodworking tools	65
Use hazardous materials information	35
Use measuring devices in construction or extraction work	41

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 78

Focus Occupation: Construction Laborers (47-2061)
Associated Occupation: Carpenters (47-2031)

Tools and Technologies	Exclusivity
Bandsaws and accessories	26
Compressors	9
Cutting and crimping and punching tools	3
Dispensing tools	6
Drilling and operation machinery	29
Face and head protection	7
Fall protection	16
Fastener setting tools	12
Forming tools	2
Holding and clamping tools	3
Indicating and recording instruments	2
Ladders and scaffolding	6
Land surveying instruments	19
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Machinery for working wood and stone and ceramic and the like	12
Measuring and layout tools	3

Pneumatic tools	8
Power generators	16
Power tools	2
Prying and bending tools	10
Respiratory protection	6
Rough and finishing tools	5
Tool attachments and accessories	12
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.